



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
-----------------	-------------	----------------------	---------------------	------------------

10/606,284

06/25/2003

Pauli Seppinen

944-003.151-1

3300

4955

7590

02/22/2010

WARE FRESSOLA VAN DER SLUYS & ADOLPHSON, LLP  
BRADFORD GREEN, BUILDING 5  
755 MAIN STREET, P O BOX 224  
MONROE, CT 06468

EXAMINER

YUN, EUGENE

ART UNIT

PAPER NUMBER

2618

MAIL DATE

DELIVERY MODE

02/22/2010

PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

## **DETAILED ACTION**

### ***Response to Arguments***

1. Applicant's arguments filed 2/3/2010 have been fully considered but they are not persuasive.

The applicant's main argument states that the mixer 27 in the Gunnarsson reference cannot be used in the Bluetooth mode and is only used in the RFID mode. The applicant also argues that only the mixer 9 is used for the Bluetooth mode. Before referring to the Gunnarsson reference, the examiner would like to first point out that nowhere in the claims does it specifically state that the mixer must operate **only** in the Bluetooth or **only** in the RFID mode. The claims only state that the mixer must be operable either of the two modes in some shape or form.

With that being stated, the examiner again points to lines 4-5 of pg. 6 which state that "the mixer 27 is included in the standard circuits of the Bluetooth radio...". In order for the applicants arguments to be persuasive, they must more clearly prove that the mixer 27 has absolutely no affiliation whatsoever with a Bluetooth radio. That is seen as not possible according to the examiner because the examiner further refers to fig. 2 of the Gunnarsson reference and points out that signals outputted or inputted to the mixer 27 are involved with the Bluetooth radio 24 whether it is by way of computer 21 or transferred to the RFID module. Therefore, the examiner still believes that the mixer 27 can operate in a Bluetooth mode and stands by his rejection.

### ***Conclusion***

Art Unit: 2618

Any inquiry concerning this communication or earlier communications from the examiner should be directed to EUGENE YUN whose telephone number is (571)272-7860. The examiner can normally be reached on 9:00am-6:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Duc Nguyen can be reached on (571)272-7503. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Eugene Yun  
Primary Examiner  
Art Unit 2618

/Eugene Yun/  
Primary Examiner, Art Unit 2618  
/E. Y./  
Primary Examiner, Art Unit 2618